

5 isochronously with a predetermined communication cycle  
when the encoding method corresponds to a decoding  
method at an object node apparatus and non-encoded  
information data is transmitted asynchronously with the  
communication cycle when the encoding method does not  
10 correspond to the decoding method at the object node  
apparatus. It is therefore possible to perform an  
encoding process for the information data to be  
transmitted, in accordance with a decoding performance  
at the object node apparatus, to improve a  
15 communication efficiency, and to reduce a capacity of a  
memory used for communications.